

# Vision and Scope document

## Team 7

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## Vision Statement (1.5)

- **For** university students [target customers]
- **who** want to share notes about course lectures, course projects or course exams [need/opportunity].
- Noteshare [product name]
- Is a website [product category]
- Allows students to categorize and share their notes based on school, class and type (lecture, project, exam) in order to share knowledge and learn from each other in a more fun and efficient way [key benefit].
- Despite many ways to share files and countless communication platforms built for the academic environment no single solution seems to have gained traction as a common place to share knowledge and promote learning through group-think [current systems].
- Our products primary differentiation is
  - in its ease of use and voting system (where notes and reviewers are upvoted/downvoted based on usefulness to other users)
  - and in its primary award feature which is awarding a case of beer to the student who uploads the most popular note each week! [primary differentiation]

## Business opportunity (1.2)

- The problem being solved is the lack of a “go-to” place for sharing of notes and ideas about the major aspects of university studies:
  - understanding and rephrasing the main concepts in a lecture
  - explaining the main ideas involved in tackling specific course projects or homework
  - preparing for exams by solving old exam problems
- Existing products:
  - Google docs: Easy to use but really doesn't exist beyond a group of 4-5 individuals max.
  - Canvas: Mainly used as a one way communication between teachers and students.
  - Discord: Similar to google docs in terms of it being used in smaller groups - not really used for sharing with larger groups.

## Scope of initial release (2.2)

The main concept of NoteShare is to allow students to share notes with each other. The initial release should be focused on the note sharing feature in its simplest form. This requires:

- a user system that only allows students with a valid university email to sign up
- a list of courses that students can view
- the option to view and upload notes for a specific course

# Use Case document

## Fully Dressed Use Case #1

**Name:** Share Lecture Notes

**Scope:** NoteShare 1.0

**Level:** User goal

**Primary Actor:** Student

### Stakeholders and Interests:

- Student: Wants to get acknowledgment from other students and feels a benefit in learning from explaining to others. Winning a case of beer would be nice and moving up in the NoteShare rankings.
- Other students: Want to see a recap of yesterday's lecture since they might have missed it or didn't really understand some concept. Enjoy interacting with other students through the commenting system when they need further clarification or see the opportunity to expand or explain ideas.

**Preconditions:** Student is an actual student in this particular class in this particular school.

### Success Guarantee:

- Notes are uploaded and saved to the website so other users can view and comment on them.

### Main Success Scenario:

- Student uploads notes
- Other students view notes and leave comments.
- Other students upvote/downvote notes.
- The student who uploaded the note gets notification about activity surrounding their note.

### Technology and Data Variations List:

- Users must upload notes in image or pdf format.

### Frequency of Occurrence:

- Website must be able to handle uploading 10 notes/comments per minute.

### Miscellaneous / Open Issues:

- What are university policies on sharing old notes from teachers?

## Fully Dressed Use Case #2

**Name:** Share Solutions to Old Exam Question

**Scope:** NoteShare 1.0

**Level:** User goal

**Primary Actor:** Student

### Stakeholders and Interests:

- Student: Wants to get acknowledgment from other students and feels a benefit in learning from explaining to others. Winning a case of beer would be nice and moving up in the NoteShare rankings.
- Other students: Want to see solved exam questions so they can compare with their own answers. Enjoy interacting with other students through the commenting system when they need further clarification or see the opportunity to expand or explain ideas.

**Preconditions:** Student is an actual student in this particular class in this particular school.

### Success Guarantee:

- Old exams and questions are uploaded and saved to the website so other users can view and comment on them and learn from them

### Main Success Scenario:

- Student uploads old exam questions
- Other students correct or use them for their own benefits
- Other students upvote or downvote depending on answers
- Student that uploaded gets notified of comments on said upload

### Extensions / Alternate Scenarios:

- Success
  - Student uploads correct questions and everyone benefits from them
- Failure
  - Student submits wrong answers and they are not corrected

### Special Requirements:

- Students need to review each others answers to make sure they are correct and are not just misinformation

### Technology and Data Variations List:

- Uploading images / pdf files
- Text documents

### Frequency of Occurrence:

- This should occur every time a student is going over old exams and wants to share his results, so quite often in pre test times.

- This is a feature that could be beneficial to students

**Miscellaneous / Open Issues:**

- Teachers might not want to share old test results so openly
- copyright

## Fully Dressed Use Case #3

**Name:** Conversation platform for courses

**Scope:** NoteShare 1.0

**Level:** User goal

**Primary Actor:** Student/Teacher

### **Stakeholders and Interests:**

- Student: wants to ask questions regarding course structure or just the course.  
Student gets answers from other students or the teacher of the course
- Teacher wants to answer questions from students or put up other info so it is easy to access it for students and it's all in the same place.

**Preconditions:** Student is an actual student in this particular class in this particular school.

### **Success Guarantee:**

- Questions are asked by students and those questions are answered by the teacher or other students

### **Main Success Scenario:**

- Questions asked
- Questions answered
- Useful tips posted
- Useful tips received
- Users use this platform over others

### **Extensions / Alternate Scenarios:**

- Success
  - Teacher uses platform to give hints and news to students regarding the certain class
- Failure
  - Students continue to use other 3rd party softwares

### **Special Requirements:**

- Platform must be consistent through different courses
- Easy to view comments and have discussions

### **Technology and Data Variations List:**

- This will primarily be a communications platform so messages must be able to be sent to a specific blog in the order that they are received.

### **Frequency of Occurrence:**

- Website must be able to handle uploading 10 comments per minute. In the correct order.

**Miscellaneous / Open Issues:**

- This might not be what students prefer to use over other options that are out there.  
E.g. other 3rd party messaging boards like “piazza”.

## Brief Format Use Cases

### **Look at material:**

A student can select a course that he would like to learn more about. From there he can see all uploaded material and Q&A's that are available and select one to view.

### **Account creation:**

A student uses the login menu to navigate to the account creation menu. User creates an account with a @hi.is email, chooses a password, and confirms ownership of it via email verification.

### **Forgot password:**

A user can request a new password if he forgot his old one by entering his email in the forgot password menu.

### **User logs in:**

A student navigates to the login menu where he will be able to log in via his email and password.

### **User logs out:**

A student that is logged in, can log out at any time when he presses the logout button.

### **File upload:**

A student that is logged in, has a file that he is ready to share. He proceeds to select the course that he is uploading for and then selects the file from his local system for upload.

### **Ask a question:**

A student that is logged in, may enter the discussion platform and post a question after choosing what course the question referees to.

### **Past submission review:**

A student that is logged in, can review his past submissions in the user menu and find them faster than other submissions.

### **Past submission deletion:**

A student that is logged in, can choose to delete his past submissions.

### **Past submission editing:**

A student that is logged in, can correct mistakes from past submissions by posting editis.

### **Submission edit history:**

A student can see all versions of the uploaded material if it has been edited before.



**Up or downvotes:**

A student that is logged in, can up or downvote any submission posted by another student.

**Commenting:**

A student that is logged in, can comment on uploads, other comments and answer questions posted by other students.

**Alert author:**

A student that is logged in, can send a notification to the author, alerting him of a mistake that has been made instead of commenting publicly.

**Anonymous interaction:**

A student that is logged in, can select to finish any action anonymously, for any action taken, that may have otherwise revealed his identity.